

APPARATUS AND METHOD FOR POWERING
WIRELESS INTER-COMPONENT AUDIO TRANSMISSION

ABSTRACT OF THE INVENTION

5 In order to power the components providing wireless
audio transmission from an audio signal source unit, the
audio signal source uses the audio signal itself, after
rectification and demodulation, to provide power to the
components providing the wireless signal. Similarly, for
10 an audio receiving unit, the power provided by the
microphone pickup voltage can be used to detect and
demodulate the wireless signal. These audio components can
therefore be provided with wireless capability without
requiring an external power source.

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